

KUMAR SHUBHAM

♥ Patna, India | ✉ shubh.mallik@gmail.com | 📞 +91-91021-61144

EDUCATION

Indian Institute of Technology (IIT) Patna & IIIT Ranchi Patna, India
Master of Computer Applications (MCA) – Hybrid Mode; CGPA: 9.55/10 Expected 2027

Pursuing alongside professional commitments; available for full-time internships.

International School of Management Patna, India
Bachelor of Computer Applications (BCA); CGPA: 8.75/10 2022 – 2025

TECHNICAL SKILLS

Backend Infrastructure: Node.js, Express, NestJS (Familiar), PostgreSQL, Prisma ORM, MongoDB, Redis, Docker, AWS

Languages: JavaScript/TypeScript, SQL (PostgreSQL), Python, Java, C++

Tools & API: Git, GitHub Actions (CI/CD), RESTful APIs, WebSocket, Postman, Stripe API

Additional Tech: OpenAI GPT-4, RAG, LangChain, React.js, Next.js, Tailwind CSS

KEY PROJECTS

Fortiche.com | *Influencer-Business Platform (Freelance)* Jun 2024 – Nov 2024

- Architected secure **REST APIs** and implemented **OAuth2 authentication** for a platform serving 50+ creators.
- Integrated **Stripe Payment Gateways** and automated transaction webhooks using Node.js.
- Built real-time analytics dashboards for ROI tracking using **WebSocket** data streams.

Webrly.com | *Scalable No-Code Site Builder* Jan 2024 – Apr 2024

- Designed complex **database schemas** to handle dynamic user templates and content injection.
- Built a scalable backend to support real-time site previews using **Socket.io**.
- Optimized API response times and implemented modular architecture for high maintainability.

OLAai.com | *AI-Powered Security Engine* Apr 2025 – Jul 2025

- Engineered a verification system achieving 85%+ accuracy using **RAG architecture** and vector search.
- Optimized prompt chains and implemented automated scraping pipelines for dataset expansion.

PROFESSIONAL EXPERIENCE

Syskool.com Patna, India
Co-Founder & Lead Developer 2015 – 2022

- Co-founded an EdTech platform, scaling the user base to **4.5M+ followers** on social channels.
- Managed full-cycle product development, including SEO optimization, database management, and monetization.
- Orchestrated growth campaigns for UPSC and technical education sectors.

CERTIFICATIONS

Complete Data Science Bootcamp 2025 (Udemy)

- Applied statistical modeling, Python data analysis, and deep learning techniques.